APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/266,922	03/12/1999	TOKUNORI KATO	102460	6407

25944   7590   05/07/2002

OLIFF & BERRIDGE, PLC
P.O. BOX 19928
ALEXANDRIA, VA 22320

EXAMINER
POKRZYWA, JOSEPH R

ART UNIT	PAPER NUMBER
2622	

DATE MAILED: 05/07/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 07-01)

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☐ Responsive to communication(s) filed on _____ .

2a) ☐ This action is **FINAL**.   2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *1-20* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) *1-20* is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☒ The drawing(s) filed on *12 March 2000* is/are: a)☐ accepted or b)☒ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) ☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.

12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☒ All   b)☐ Some * c)☐ None of:

1. ☒ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

a) ☐ The translation of the foreign language provisional application has been received.

15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .

4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: .

DETAILED ACTION

Priority

1.   Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers

have been placed of record in the file.

Drawings

2.   The drawings were approved by the Official Draftsperson (see attached PTO-948).

3.   The drawings are objected to because:

In Fig. 5, step S1, "IN PUTTED" should read "INPUTTED";

In Fig. 5, step S2, "VARID" should read "VALID";

In Fig. 6, step S10, "THEN" should read "THEM";

In Fig. 7, in the start process oval, "INTIALIZATION" should read "INITIALIZATION";

In Fig. 12, step S8, "BASEDON" should read "BASED ON".

A proposed drawing correction or corrected drawings are required in reply to the Office

action to avoid abandonment of the application. The objection to the drawings will not be held

in abeyance.

4.   The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) because

reference characters "S1", "S2", "S3", "S4", and "S5" have been used to designate both process

steps within Fig. 5 and process steps within Fig. 12. A proposed drawing correction or corrected

drawings are required in reply to the Office action to avoid abandonment of the application. The

objection to the drawings will not be held in abeyance.

Claim Objections

5.   **Claim 17** is objected to because of the following informalities:

In *claim 17*, line 1, "method setting" should read "method of setting".

        Appropriate correction is required.

Claim Rejections - 35 USC § 102

6.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

7.   **Claims 1 through 20** are rejected under 35 U.S.C. 102(b) as being anticipated by

Norimatsu (U.S. Patent Number 5,615,248).

        Regarding *claim 1*, Norimatsu discloses a communication terminal apparatus (see Fig. 1)

comprising a first memory (EEPROM 2) that stores parameters for each of a plurality of

geographical divisions (column 2, lines 2 through 4, wherein EEPROM 2 stores one or more

telephone numbers specialized for one or more countries), a second memory (EEPROM 3), and a

control device (main CPU 1) that initializes the second memory (stored in EEPROM 3, column

2, lines 2 through 9, and column 3, lines 56 through 65) on the basis of parameters for a selected

geographical division (column 3, lines 56 through 65), the parameters for the selected

geographical division being read from the first memory (column 3, lines 61 through 65).

        Regarding *claim 2*, Norimatsu discloses the apparatus discussed above in claim 1, and

further teaches that the parameters for each of a plurality of geographical divisions include at

least one of a geographical division-specific parameter (MSD's of the telephone numbers

specialized for one or more countries, column 1, lines 37 through 45, and column 2, lines 2

through 24) and a non-geographical division-specific parameter for each of the plurality of

geographical divisions (the portion of the telephone numbers not included in the MSD).

Regarding *claim 3*, Norimatsu discloses the apparatus discussed above in claim 2, and

further teaches that if no geographical division-specific parameter has been stored in the second

memory (EEPROM 3, column 2, lines 2 through 43, whereby upon the original initialization, no

geographic data would inherently be stored in EEPROM 3 until a telephone number is selected

by a user in step 329), the control device (CPU 1) reads at least one of a geographical division-

specific parameter regarding the selected geographic division and a non-geographical division-

specific parameter regarding the selected geographical division (column 56 through 61), from the

first memory (EEPROM 2), and stores the at least one of a geographical division-specific

parameter and the non-geographical division-specific parameter into the second memory

(EEPROM 3, column 3, lines 56 through 65).

Regarding *claim 4*, Norimatsu discloses the apparatus discussed above in claim 2, and

further teaches that if at least one geographical division-specific parameter regarding a first

geographical division has already been stored in the second memory (step 302, column 2, lines

38 through 43) and a second geographical division is selected (step 329, column 3, lines 56

through 59), the control device reads at least one geographical division-specific parameter

regarding the selected second geographical division from the first memory (EEPROM 2), and

stores the at least one geographical division-specific parameter into the second memory

(EEPROM 3, step 330, column 3, lines 56 through 65).

Regarding *claim 5*, Norimatsu discloses the apparatus discussed above in claim 1, and further teaches of an input device (keyboard 7, seen in Fig. 1, column 3, lines 56 through 65) that allows the user to rewrite parameters stored in the second memory (column 3, lines 56 through 65), the parameters including a geographical division code (MSD's, column 2, line 10 through column 3, line 5).

Regarding *claim 6*, Norimatsu discloses the apparatus discussed above in claim 1, and further teaches that the first memory is a read-only non-volatile memory (EEPROM 2, column 1, line 65 through column 2, line 9) and the second memory is a rewritable non-volatile memory (EEPROM 3, column 1, line 65 through column 2, line 9).

Regarding *claim 7*, Norimatsu discloses a communication terminal apparatus (see Fig. 1) comprising a first specification storing device (EEPROM 2) into which a plurality of specifications are pre-stored (column 2, lines 2 through 9), a selector device (keyboard 7) that selects a selected specification from the first specification storing device (column 3, lines 56 through 65), a second specification storing device (EEPROM 3) that stores the specification selected by the selector device (column 2, lines 2 through 9, and column 3, lines 59 through 65), a determining device (CPU 1) that determines whether the specification stored in the second specification storing device is a predetermined specification (steps 303-314, read in column 2, line 38 through column 3, line 5), and a control device (CPU 1 and sub CPU 5) that performs a control such that a main program starts, if the determining device determines that the specification stored in the second specification storing device is the predetermined specification (steps 316-327, read in column 3, lines 6 through 53).

Regarding *claim 8*, Norimatsu discloses the apparatus discussed above in claim 7, and further teaches that specifications include at least one parameter regarding a communication in a geographic division (MSD's of the telephone numbers, column 2, line 10 through column 3, line 5).

Regarding *claim 9*, Norimatsu discloses the apparatus discussed above in claim 7, and further teaches that the main program operates on the basis of the specification stored in the second specification storing device (column 2, line 38 through column 3, line 53).

Regarding *claim 10*, Norimatsu discloses the apparatus discussed above in claim 7, and further teaches of an output device (display 6, seen in Fig. 1) that outputs a parameter of the specification stored in the second specification storing device (column 3, lines 10 through 53).

Regarding *claim 11*, Norimatsu discloses the apparatus discussed above in claim 7, and further teaches that the first specification storing device includes a read-only non-volatile memory (EEPROM 2, column 1, line 65 through column 2, line 9), and the second specification storing device includes a rewritable non-volatile memory (EEPROM 3, column 1, line 65 through column 2, line 9).

Regarding *claim 12*, Norimatsu discloses a method of setting parameters in a communication apparatus (see Fig. 1) comprising storing parameters for each of a plurality of geographical divisions in a first memory location (EEPROM 2, storing one or more telephone numbers specialized for one or more countries, read in column 2, lines 2 through 4), receiving a selection of a selected geographical division from the plurality of geographical divisions (column 3, lines 56 through 65), storing the parameters for the selected geographical division in a second memory location (stored in EEPROM 3, column 2, lines 2 through 9, and column 3, lines 56

through 65), the parameters for the selected geographical division being read from the first

memory (column 3, lines 61 through 65).

Regarding *claim 13*, Norimatsu discloses the method discussed above in claim 12, and

further teaches that the parameters for each of a plurality of geographical divisions include at

least one of a geographical division-specific parameter (MSD's of the telephone numbers

specialized for one or more countries, column 1, lines 37 through 45, and column 2, lines 2

through 24) and a non-geographical division-specific parameter for each of the plurality of

geographical divisions (the portion of the telephone numbers not included in the MSD).

Regarding *claim 14*, Norimatsu discloses the method discussed above in claim 13, and

further teaches that if no geographical division-specific parameter has been stored in the second

memory location (EEPROM 3, column 2, lines 2 through 43, whereby upon the original

initialization, no geographic data would inherently be stored in EEPROM 3 until a telephone

number is selected by a user in step 329), at least one of a geographical division-specific

parameter regarding the selected geographic division and a non-geographical division-specific

parameter regarding the selected geographical division (column 56 through 61) is read from the

first memory location (EEPROM 2), and stored in the second memory location (EEPROM 3,

column 3, lines 56 through 65).

Regarding *claim 15*, Norimatsu discloses the method discussed above in claim 13, and

further teaches that if at least one geographical division-specific parameter regarding a first

geographical division has already been stored in the second memory location (step 302, column

2, lines 38 through 43) and a second geographical division is selected (step 329, column 3, lines

56 through 59), at least one geographical division-specific parameter regarding the selected

second geographical division is read from the first memory location (EEPROM 2) and is stored

in the second memory location (EEPROM 3, step 330, column 3, lines 56 through 65).

Regarding *claim 16*, Norimatsu discloses the method discussed above in claim 12, and

further teaches of receiving a command to rewrite parameters stored in the second memory

location (column 3, lines 56 through 65), the parameters including a geographical division code

(MSD's, column 2, line 10 through column 3, line 5).

Regarding *claim 17*, Norimatsu discloses a method of setting parameters in a

communication terminal apparatus (see Fig. 1) comprising storing a plurality of specifications in

a first memory location (EEPROM 2, storing one or more telephone numbers specialized for one

or more countries, read in column 2, lines 2 through 4), selecting a selected specification from

the plurality of specifications in the first memory location (column 3, lines 56 through 65, from

keyboard 7), storing the selected specification in a second memory location (being stored in

EEPROM 3, column 2, lines 2 through 9, and column 3, lines 59 through 65), determining

whether the specification stored in the second memory location is a predetermined specification

(steps 303-314, read in column 2, line 38 through column 3, line 5), and starting a main program

if the specification stored in the second memory location is the predetermined specification

(steps 316-327, read in column 3, lines 6 through 53).

Regarding *claim 18*, Norimatsu discloses the method discussed above in claim 17, and

further teaches that specifications include at least one parameter regarding a communication in a

geographic division (MSD's of the telephone numbers, column 2, line 10 through column 3, line

5).

Regarding *claim 19*, Norimatsu discloses the method discussed above in claim 17, and

further teaches that the main program operates on the basis of the specification stored in the

second memory location (column 2, line 38 through column 3, line 53).

Regarding *claim 20*, Norimatsu discloses the method discussed above in claim 17, and

further teaches of outputting a parameter of the specification stored in the second memory

location (through display 6, seen in Fig. 1, column 3, lines 10 through 53).

Citation of Pertinent Prior Art

8.   The prior art made of record and not relied upon is considered pertinent to applicant's

disclosure:

Kim (U.S. Patent Number 6,111,661) discloses a facsimile machine that uses country

codes to determine a language format;

Wen *et al.* (U.S. Patent Number 5,216,709) discloses a system that provides geographic

data related to an input telephone number;

Yamamoto (U.S. Patent Number 5,021,889) discloses a facsimile apparatus wherein

country codes are used to identify and read out corresponding information relating to that

particular country from a memory.

Conclusion

9.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joe Pokrzywa whose telephone number is (703) 305-0146. The examiner can normally be reached on Monday-Friday, 7:30-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on (703) 305-4712. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and (703) 872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 306-0377.

J.R.P.

Joseph R. Pokrzywa
Examiner
Art Unit 2622

EDWARD COLES
SUPERVISORY PATENT EXAMINER
TECHNOLOGY

jrp
April 24, 2002